



Sand

Windblown sand deposits, Qsd, conspicuous dunes

UNCONFORMITY

Playa lake deposits

Sand and silt, including gypsum sand deposited in shallow intermittent lakes

UNCONFORMITY

Qa

Alluvium

Sand and silt, locally conglomeratic, deposited on gentle slopes and in depressions

UNCONFORMITY

Qc

Limestone, ranging from dense to travertinelike with included sand grains and rock fragments 2 to 15 feet thick. Includes 3 to 5 feet of Gatuna formation in many areas outside the Nash Draw depression

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Gravel, sand, silt, clay, and locally gypsum (Qgg) deposited as alluvium; poorly consolidated; dominantly reddish orange, grading to pink, gray, or yellow; as much as 100 feet thick

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Santa Rosa sandstone
Sandstone, conglomeratic, pale-red, very poorly sorted, crossbedded; in sets 3 to 10 feet thick; interbedded locally with moderate reddish-brown claystone and siltstone; 50 to 70 feet thick

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Pierce Canyon redbeds^{1/}
Siltstone, moderate reddish-orange; conspicuous laminae 1 to 5 mm thick; poorly sorted; locally sandy or clayey; 200 to 250 feet thick

Rustler formation

Prf, Forty-nine member, white massive gypsum; 40 to 65 feet thick

Prm, Magenta member, pink dolomite interlaminated with pale-green anhydrite; 20 feet thick. Prmb, breccia

Prt, Tamarisk member, white massive gypsum; 115 feet thick

Prc, Culebra dolomite member, light-gray thin bedded to massive silty dolomite with spherical vugs 1 to 10 mm in diameter; 30 feet thick. Prcb, breccia

Contact

Dashed where approximately located

$$\frac{U}{D}$$

Fault

_____ 2500 _____

_____2600_____

Form contours

Drawn at top of the salt in the Salado formation. Contour interval 100 feet, locally 25 and 50 feet where dotted. Lines dashed where approximately located; ticked where depression is closed. Datum is mean sea level.

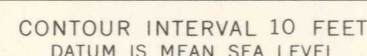
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Drill hole

UE NORTH
ETIC NOR-

APPROXIMATE MEAN
DECLINATION 1963

¹/After this report was prepared the U.S. Geological Survey decided in favor of using the name Dewey Lake redbeds of Permian age in place of the name Pierce Canyon redbeds.

SCALE 1:62 500



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